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Terms	Documents
11 and ((RNA or ribonucleoside or ribonucleotide) near (analog or analogue))	8

**Database:** US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Refine Search:**11 and ((RNA or ribonucleoside or  
ribonucleotide) near (analog or  
analogue))[Clear](#)**Search History****Today's Date:** 7/28/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI	11 and ((RNA or ribonucleoside or ribonucleotide) near (analog or analogue))	8	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI	(mutation or mutagenesis) near rate	610	<u>L1</u>

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 8 of 8 returned.**☐ 1. Document ID: US 6225061 B1

L2: Entry 1 of 8

File: USPT

May 1, 2001

US-PAT-NO: 6225061

DOCUMENT-IDENTIFIER: US 6225061 B1

TITLE: Systems and methods for performing reactions in an unsealed environment

DATE-ISSUED: May 1, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Becker; Thomas	Lineberg	N/A	N/A	DEX
Koster; Hubert	La Jolla	CA	N/A	N/A
Cantor; Charles	Boston	MA	N/A	N/A

US-CL-CURRENT: 435/6; 159/1.1, 159/47.1, 422/63, 422/64, 422/65, 422/66, 422/67,  
435/177, 436/177, 436/43

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 6218118 B1

L2: Entry 2 of 8

File: USPT

Apr 17, 2001

US-PAT-NO: 6218118

DOCUMENT-IDENTIFIER: US 6218118 B1

TITLE: Method and mixture reagents for analyzing the nucleotide sequence of nucleic acids by mass spectrometry

DATE-ISSUED: April 17, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sampson; Jeffrey R.	Burlingame	CA	N/A	N/A
Yakhini; Zohar H.	Palo Alto	CA	N/A	N/A
Webb; Peter G.	Menlo Park	CA	N/A	N/A
Sampas; Nicholas M.	San Jose	CA	N/A	N/A
Tsalenko; Anna M.	Chicago	IL	N/A	N/A
Myerson; Joel	Berkeley	CA	N/A	N/A

US-CL-CURRENT: 435/6; 435/173.1, 435/91.2, 435/91.5, 536/23.1, 536/24.31,  
536/24.33, 536/25.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 6132776 A

L2: Entry 3 of 8

File: USPT

Oct 17, 2000

US-PAT-NO: 6132776

DOCUMENT-IDENTIFIER: US 6132776 A

TITLE: Methods of screening for nucleoside analogs that are incorporated by HIV reverse transcriptase and cause incorrect base pairing.

DATE-ISSUED: October 17, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Loeb; Lawrence A.	Bellevue	WA	N/A	N/A
Essigmann; John M.	Brookline	MA	N/A	N/A

US-CL-CURRENT: 424/601; 514/43, 536/22.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6063628 A

L2: Entry 4 of 8

File: USPT

May 16, 2000

US-PAT-NO: 6063628

DOCUMENT-IDENTIFIER: US 6063628 A

TITLE: Induction of viral mutation by incorporation of miscoding ribonucleoside analogs into viral RNA

DATE-ISSUED: May 16, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Loeb; Lawrence A.	Bellevue	WA	N/A	N/A
Mullins; James I.	Seattle	WA	N/A	N/A

US-CL-CURRENT: 435/442; 435/235.1, 435/236, 435/325, 435/366, 435/372.3, 435/440, 435/441, 435/91.3, 435/91.32, 536/22.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 5. Document ID: US 5856085 A

L2: Entry 5 of 8

File: USPT

Jan 5, 1999

US-PAT-NO: 5856085.

DOCUMENT-IDENTIFIER: US 5856085 A

TITLE: Compositions and methods of developing oligonucleotides and oligonucleotide analogs having antiviral activity

DATE-ISSUED: January 5, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Jin-Feng	Hummelstown	PA	N/A	N/A
Pan; Weihua	Hershey	PA	N/A	N/A

US-CL-CURRENT: 435/5; 435/6, 435/91.2, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 5512431 A

L2: Entry 6 of 8

File: USPT

Apr 30, 1996

US-PAT-NO: 5512431

DOCUMENT-IDENTIFIER: US 5512431 A

TITLE: Methods of screening for nucleoside analogs that are incorporated by HIV reverse transcriptase and cause incorrect base pairing

DATE-ISSUED: April 30, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Loeb; Lawrence A.	Bellevue	WA	N/A	N/A
Essigmann; John M.	Brookline	MA	N/A	N/A

US-CL-CURRENT: 435/5; 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 7. Document ID: WO 9818324 A1

L2: Entry 7 of 8

File: EPAB

May 7, 1998

PUB-NO: WO009818324A1  
DOCUMENT-IDENTIFIER: WO 9818324 A1  
TITLE: INDUCTION OF VIRAL MUTATION BY INCORPORATION OF MISCODING RIBONUCLEOSIDE ANALOGS INTO VIRAL RNA

PUBN-DATE: May 7, 1998

INVENTOR-INFORMATION:

NAME	COUNTRY
LOEB, LAWRENCE A	US
MULLINS, JAMES I	US

INT-CL (IPC): A01N 43/04; A61K 31/70; C12N 7/04; C12N 7/06; C12Q 1/68; C12Q 1/70  
EUR-CL (EPC): A61K031/70; A61K031/70, A61K031/70 , A61K031/70 , A61K045/06 ,  
C12N005/10 , C12N007/04

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 8. Document ID: NZ 335000 A, WO 9818324 A1, AU 9850959 A, EP 948256 A1, US 6063628 A

L2: Entry 8 of 8

File: DWPI

Dec 22, 2000

DERWENT-ACC-NO: 1998-286435  
DERWENT-WEEK: 200104  
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TITLE: Use of ribonucleoside analogues - for increasing mutation rate of virus to reduce viability of virus and inhibit viral replication

INVENTOR: LOEB, L A; MULLINS, J I

PRIORITY-DATA: 1997US-0040535 (February 27, 1997), 1996US-0029404 (October 28, 1996), 1997US-0958065 (October 27, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
NZ 335000 A	December 22, 2000	N/A	000	A61K031/70
WO 9818324 A1	May 7, 1998	E	059	A01N043/04
AU 9850959 A	May 22, 1998	N/A	000	A01N043/04
EP 948256 A1	October 13, 1999	E	000	A01N043/04
US 6063628 A	May 16, 2000	N/A	000	C12N015/00

INT-CL (IPC): A01N 43/04; A61K 31/70; C07H 21/02; C12N 7/04; C12N 7/06; C12N 15/00; C12N 15/85; C12P 19/34; C12Q 1/68; C12Q 1/70

Full	Title	Citation	Front	Review	Classification	Date	Reference
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Terms	Documents
11 and ((RNA or ribonucleoside or ribonucleotide) near (analog or analogue))	8

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Documents, starting with Document:

**Display Format:**